



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of : Schultz, G. et al) Art Unit: 1645
Serial No. : 09/812,143) Examiner:
Confirmation No. 9439
Filed : March 19, 2001
For : Non-selective cation channel
Docket No. : 1/1128

Box Missing Parts
Assistant Commissioner for Patents
Washington, D.C. 20231

SUBMISSION OF MISSING PARTS OF APPLICATION

Sir:

In response to the Notice of Incomplete Reply (Non-Provisional) mailed on June 7, 2001, enclosed is a copy of the Notice of Incomplete Reply (Non-Provisional) together with (1) substitute drawings in compliance with 37 CFR 1.84, (2) a copy of the computer readable form (CRF) paper copy and diskette of the Sequence Listing in compliance with 37 CFR 1.821-1.825, (3) an Amendment directing the entry of the Sequence Listing into the application, and (4) a Statement that the content of the sequence listing information recorded in computer readable form is identical to the written sequence listing and does not include any new matter.

The Commissioner is hereby authorized to charge any fee, which may be required, and to credit any overpayment, to Deposit Account No. 02-2955. A duplicate of this paper is enclosed.

<p>Certificate of Mailing</p> <p>I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to: Assistant Commissioner For Patents Washington, DC 20231 on September 14, 2001</p> <p><i>Susan K. Pocchiari</i></p> <p>Susan K. Pocchiari</p>
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Respectfully submitted,

Susan K. Pocchiari
Susan K. Pocchiari
Attorney for Applicant(s)
Reg. No. 45,016

Patent Department
Boehringer Ingelheim Corp.
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Date September 14, 2001



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Assistant Commissioner for Patents
Washington, D.C. 20231
ATTENTION: BOX MISSING PARTS

TRANSMITTAL LETTER

Sir:

In complete response to the Notice of Incomplete Reply dated June 7, 2001, enclosed please find:

[X] A copy of the "Sequence Listing" in computer readable form in compliance with 37 C.F.R. §§1.823(b) and 1.824.

[X] A statement that the content of the paper and computer readable copies are the same as set forth in 37 C.F.R. §1.821(f).

The Commissioner is hereby authorized to charge any additional fees under 37 C.F.R.

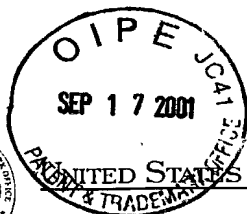
$$\begin{aligned} & \frac{\partial^2 A}{\partial x^2} = \frac{\partial}{\partial x} \left(\frac{\partial A}{\partial x} \right) = \frac{\partial}{\partial x} \left(-\frac{1}{x^2} \right) = \frac{2}{x^3} \\ & \frac{\partial^2 B}{\partial y^2} = \frac{\partial}{\partial y} \left(\frac{\partial B}{\partial y} \right) = \frac{\partial}{\partial y} \left(-\frac{1}{y^2} \right) = \frac{2}{y^3} \\ & \frac{\partial^2 C}{\partial z^2} = \frac{\partial}{\partial z} \left(\frac{\partial C}{\partial z} \right) = \frac{\partial}{\partial z} \left(-\frac{1}{z^2} \right) = \frac{2}{z^3} \end{aligned}$$

Susan K. Poehlein

Certificate of Mailing

Sula B. Pediani

Susan K. Pocchiari



UNITED STATES PATENT AND TRADEMARK OFFICE

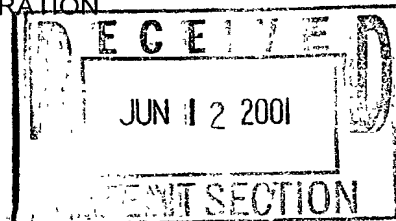
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APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/812,143	03/19/2001	Guenter Schultz	1/1128

CONFIRMATION NO. 9439

28501
BOEHRINGER INGELHEIM CORPORATION
900 RIDGEBURY ROAD
P. O. BOX 368
RIDGEFIELD, CT 06877

FORMALITIES LETTER



Date Mailed: 06/07/2001

NOTICE OF INCOMPLETE REPLY (NONPROVISIONAL)

Filing Date Granted

The U.S. Patent and Trademark Office has received your reply on to the Notice mailed and it has been entered into the nonprovisional application. The reply, however, does not include the following items required in the Notice.

The period of reply remains as set forth in the Notice. You may, however, obtain EXTENSIONS OF TIME under the provisions of 37 CFR 1.136 (a) accompanied by the appropriate fee (37 CFR 1.17(a)).


A complete reply must be timely filed to prevent ABANDONMENT of the above-identified application

- Substitute drawings in compliance with 37 CFR 1.84 because:
 - drawing sheets do not have the appropriate margin(s) (see 37 CFR 1.84(g)). Each sheet must include a top margin of at least 2.5 cm (1 inch), a left side margin of at least 2.5 cm (1 inch), a right side margin of at least 1.5 cm (5/8 inch), and a bottom margin of at least 1.0 cm (3/8 inch);
- This application clearly fails to comply with the requirements of 37 C.F.R. 1.821-1.825. Applicant's attention is directed to the final rulemaking notice published at 55 FR 18230 (May 1, 1990) and 1114 OG 29 (May 15, 1990). If the effective filing date is on or after July 1, 1998, see the final rulemaking notice published at 63 FR 29620 (June 1, 1998) and 1211 OG 82 (June 23, 1998). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000). Applicant must provide an initial computer readable form (CRF) copy of the "Sequence Listing", an initial paper or compact disc copy of the "Sequence Listing", as well as an amendment directing its entry into the application. Applicant must also provide a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.

For questions regarding compliance to these requirements, please contact:

- For Rules Interpretation, call (703) 308-4216
- To Purchase PatentIn Software, call (703) 306-2600
- For PatentIn Software Program Help, call (703) 306-4119 or e-mail at patin21help@uspto.gov or patin3help@uspto.gov

A copy of this notice MUST be returned with the reply.



Customer Service Center
Initial Patent Examination Division (703) 308-1202
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